

DEPARTMENT OF THE ARMY
US ARMY INFORMATION SYSTEMS SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTORATE
FORT BELVOIR, VIRGINIA 22060-5576

AMSEL-SE-IS-C DATE: 29 November 1999

MEMORANDUM FOR CIF USERS

SUBJECT: Software Version Description (SVD) for Installation Support Module (ISM)
Central Issue Facility (CIF) Software Change Package (SCP) LA2-A09-04-00-A

1. Enclosed is SCP LA2-A09-04-00-A which provides formal change information to the Central Issue Facility (CIF) ISM
2. Acknowledgement of installation of this SCP must be made IAW instructions provided in Enclosure 1.
3. This memorandum certifies that the ISM subject software has been thoroughly tested, is considered to be a quality product, and is hereby authorized for release to a production environment.
4. Security Implications: NONE.

Encl
Director

LTC, AD

Chester A. Pettis, Jr.

Executive Software Systems

CHANGE PACKAGE CONTROL NUMBER: (LA2-A09-04-00-A)

SOFTWARE VERSION DESCRIPTION (SVD) FOR
CENTRAL ISSUE FACILITY (CIF)
SYSTEM SOFTWARE CHANGE PACKAGE (SCP) (LA2-A09-04-00-A)

U. S. ARMY INFORMATION SYSTEMS SOFTWARE CENTER
EXECUTIVE SOFTWARE SYSTEMS DIRECTORATE
FORT BELVOIR, VA 22060-5456

29 November 1999

CONTENTS

1.	Scope	...	1
1.1	Identification		1
1.2	System Overview		1
1.3	Document Overview		1
2.	Referenced Documents		1
2.1	Referenced Documents		1
3.	Version Description		1
3.1	Inventory of Materials Released		1
3.2	Inventory of Software Contents		1
3.3	Changes Installed		2
3.3.1	Corrector Descriptions - Technical		2
3.3.2	Corrector Descriptions - Functional		5
3.3.3	Summary of Changes		11
3.4	Adaptation Data		11
3.5	Related Documents		11
3.5.1	Technical Documentation Changes		11
3.5.2	Functional Manual Changes		11
3.6	Installation Instructions		11
3.6.1	Installation Effective Date		13
3.6.2	Security Implications		13
3.6.3	ANSOC Installation Instructions		13
3.6.4	Special Installation Instructions - All Users		14

3.6.5	Point of Contact	14
3.6.6	Report of Implementation	14
3.7	Possible Problems and Known Errors	14
4.	Notes	14
4.1	Notes	14

1. Scope

1.1 Identification. This Software Version Description (SVD) applies to the Central Issue Facility (CIF) running on Army Standard Information Management System (ASIMS) and networked AIX operating system on UNIX platforms.

1.2 System Overview. CIF is part of the ISM Project that is an Army-wide Major Automated Information System (MAIS) initiative. The primary objective of ISM is to enhance, through automation, installation management functions. ISM applications consist of standard procedures packaged into functional applications that automate as well as integrate day-to-day installation processes. ISM applications use the Installation Level Integrated Data Base (ILIDB), which is the central repository for data that is common to more than one ISM application, and various local databases that contain data elements unique to the individual ISM applications.

The purpose of the CIF ISM is to provide precise management of organizational clothing and individual equipment (OCIE) in a central issue facility. Benefits expected from using CIF include improved overall property management, increased accuracy and timeliness of CIF information, and decreased administrative costs. CIF functions are computing and maintaining stockage levels, processing and documenting OCIE records, maintaining supply records, and preparing required reports.

1.3 Document Overview. This document provides the instructions necessary for the implementation of the formal Software Change Package (SCP) LA2-A09-04-00-A of CIF. It informs the users of the changes made to the system and provides Point of Contacts (POCs) to be contacted in case of problems.

2. Referenced Documents

2.1 Referenced Documents. This paragraph has been tailored out.

3. Version Description

3.1 Inventory of Materials Released. This paragraph has been tailored out.

3.2 Inventory of Software Contents. Hardware platform - ASIMS/ UNIX AIX OS users (Installation supported).

This change package contains the following files.

PROGRAM	VERSION	UPDATE
README.cif_0400	0400	23 Nov 1999
cif_0400.cpio.Z	0400	23 Nov 1999
install_cif_0400	0400	23 Nov 1999

3.3 Changes Installed.

3.3.1 Corrector Descriptions - Technical.

1. ECP-S/E LA2-A15N-020
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM Property Book Report printing error.
 - D. RESOLUTION: Changed formatting codes in fprmt() statements.
 - E. ICP: LA2-A09-03-00A-A

2. ECP-S/E LA2-A15N-002
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM QPBS report request rejects LIN numbers allowing only LIN/SIZ or NSN as arguments.
 - D. RESOLUTION: Modified code to allow "ALL" as an argument.
 - E. ICP: LA2-A09-03-01.

3. ECP-S/E LA2-A150-160
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM Minor Leap Year Issue. Code does not check for leap years. Also allows all years to have 366 days.
 - D. RESOLUTION: Modified code to call correct function that validates leap year.
 - E. ICP: LA2-A09-03-01.

4. ECP-S/E LA2-A150-161
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM Incorrect use of getdate function. The getdate() function as used to replace old code is not used clearly. If the date does not valid properly, then supplies may not be returned.
 - D. RESOLUTION: Modified code to check date from form instead of calling the getdate function to get the current day's date.
 - E. ICP: LA2-A09-03-01.

5. ECP-S/E LA2-A150-164
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM The code comment says the YY format is handled, but this is not obvious in the code - verification is required.
 - D. RESOLUTION: Added call to Ver_Date in word date function to make sure date is in YYYY/MM/DD format.
 - E. ICP: LA2-A09-03-01.

6. ECP-S/E LA2-A15M-001
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM Sorting or 'ORDER BY' clauses with indexes using 1- and 2-digit years will result in the incorrect ordering of records with a date in the 21st century.
 - D. RESOLUTION: Changed database tables and code throughout the application.
 - E. ICP: LA2-A09-03-01.

7. ECP-S/E LA2-A15M-002
 - A. CYCLES: None.
 - B. PROGRAM CIF
 - C. PROBLEM The code computing dates may not calculate the correct date and date comparisons that occur where only one date has crossed the year 2000 boundary will fail.
 - D. RESOLUTION: Using function acm_add_days_jul to calculate date and acm_get_diff_jul to get date comparisons.

- E. ICP: LA2-A09-03-01.
8. ECP-S/E LA2-R204-007
 A. CYCLES: None.
 B. PROGRAM CIF
 D. PROBLEM Comparisons involving 1-digit year Julian dates will produce incorrect results when the end date is in the year 2000.
 C. RESOLUTION: Added new variables and used acm_y2k_num_jul function.
 E. ICP: LA2-A09-03-01.
9. ECP-S/E LA2-A15M-006
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM The function day_of_year() can cause incorrect century calculations.
 D. RESOLUTION: Modified cm_cut_delta_d so that years less than or equal to 49 are equal to 20XX and 49 less than years less than or equal to 99 are equal to 19XX. Modified date_verify(), assuming valid years are 1950 and after. Eliminated the use of century when padding "19" to 2-digit year.
 E. ICP: LA2-A09-03-01.
10. ECP-S/E LA2-A15M-007
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM In the routine C_CMCMPPDDS.C, zeroing out the portion of the date not being compared would be the same as having a single-digit or double-digit year equal to 0 for the year 2000, which could result in the 2-digit year '00' being ignored.
 D. RESOLUTION: Changed function de_comps so that it compares years correctly. Modified set_up_scale to reset scale.
 E. ICP: LA2-A09-03-01.
11. ECP-S/E LA2-A15M-009
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Where local time year is used as a 4-position year and local time year is defined as the number of years since 1900, the year '2000' would be displayed as '100'.
 D. RESOLUTION: Corrected tm_year wherever necessary by adding 1900 to ensure proper results.
 E. ICP: LA2-A09-03-01.
12. ECP-S/E LA2-A15M-010
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Current code allows years to be identified as leap years even when 29 Feb. does not exist for that year.
 D. RESOLUTION: Using new function, acm_valid_julian. To test if date is valid.
 E. ICP: LA2-A09-03-01.
13. ECP-S/E LA2-S460-006
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Adjustment documents cannot be processed for SSNs issued like items on multiple menus.
 D. RESOLUTION: Modified code to allow adjustment documents to be processed for SSNs with like items on multiple menus.
 E. ICP: LA2-A09-03-02.
14. ECP-S/E LA2-A15M-003
 A. CYCLES: None.
 B. PROGRAM CIF

- D. PROBLEM Comparisons involving 1-digit year Julian dates will produce incorrect results when the end date is in the year 2000.
 C. RESOLUTION: Added new variables and used acm_y2k_num_jul function.
 E. ICP: LA2-A09-03-01.

3.3.2 Corrector Descriptions - Functional.

1. ECP-S/R LA2-0100-968
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM The use of DD Form 1348-1A for DRMO turn-ins has been mandated.
 D. RESOLUTION: Replaced DD Form 1348-1 with DD Form 1348-1A.
 E. ICP: None.
2. ECP-S/R LA2-A15N-032
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Develop Wash-Out rates for each NSN.
 D. RESOLUTION: Created new functionality in Master File Maintenance Menu.
 E. ICP: None.
3. ECP-S/R LA2-S113-166
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM System will not allow operator to change the size on a Due-Out Issue.
 D. RESOLUTION: Changed the abstract form and updated routine to allow size changes.
 E. ICP: None.
4. ECP-S/R LA2-S108-064
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Users cannot create a disk with new requisitions for input to the SARSS system.
 D. RESOLUTION: Modified screen to use IP address of PC.
 E. ICP: None.
5. ECP-S/R LA2-0100-966
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Cannot update LIN.
 D. RESOLUTION: Created new functionality to change 'LIN/SIZ'.
 E. ICP: None.
6. ECP-S/R LA2-S113-169
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Operator cannot cancel R/S, S/C, or C/C. Items should be put back on clothing records and QPBS.
 D. RESOLUTION: Added item "Cancel Individual" to menus of S/C, R/S, and C/C.
 E. ICP: None.
7. ECP-S/R LA2-S113-173
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Need option to select either Turn-Ins to SSA or DRMO with unit price and qty field totaled, these reports should not be combined. Additionally, you should be able to select date range.
 D. RESOLUTION: Changed SSA and DRMO reports.
 E. ICP: None.

8. ECP- S/R LA2- R204- 007
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM There is no option to query by individual document number.
 D. RESOLUTION: Added an option to view for each item of the Requisition Menu.
 E. ICP: None.
9. ECP- S/R LA2- A150- 609
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Many processes/functions do not allow a view option, which could significantly reduce the number of printouts.
 D. RESOLUTION: Added option to view entire document register and to print or view a specific document.
 E. ICP: None.
10. ECP- S/R LA2- A150- 607
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Can only print most recent adjustment document.
 D. RESOLUTION: The reprint functionality is available on Path 1. 4. 2. 2. 5.
 E. ICP: None.
11. ECP- S/R LA2- R204- 009
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM There is no option to print a comparison worksheet.
 D. RESOLUTION: Added path and functionality for comparison worksheet.
 E. ICP: None.
12. ECP- S/R LA2- S108- 025
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM When additional issue by line is processed there is no reception option to print the worksheet.
 D. RESOLUTION: Added "Reception" to Additional Issue by Line. When doing abstract, worksheet, if any, will populate.
 E. ICP: None.
13. ECP- S/R LA2- S113- 132
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Modification menu screen skips line thirteen, you cannot add line items to the clothing record, and you cannot print what has been modified.
 D. RESOLUTION: Defined SLK branches (F4/F5), changed position of cursor, added functions to match menu code and line #, and added "CD" checking function.
 E. ICP: None.
14. ECP- S/R LA2- S108- 070
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM When individual clears form the CIF and their DEROS exceeds the current system date, the name appears on the PCN A09- 4430, Individual Past Due to Out Process.
 D. RESOLUTION: Changed query.
 E. ICP: None.
15. ECP- S/R LA2- S570- 005
 A. CYCLES: None.
 B. PROGRAM CIF
 C. PROBLEM Can't adjust size if user enters incorrectly.
 D. RESOLUTION: Changed code to allow size to be changed.
 E. ICP: None.

16. ECP-S/R LA2-S113-178
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Operator does not have choice as to how documents are
ordered (NSN or LIN).
D. RESOLUTION: Added document ordering option.
E. ICP: None.
17. ECP-S/R LA2-S460-002
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM User ID audit trail is not maintained for transactions.
D. RESOLUTION: Added "logname" to tables A0999T, A0916T, and A0920T.
Changed all EOD document register reports to include "User ID" column.
E. ICP: None.
18. ECP-S/R LA2-S113-160
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM The TMP directory should be purged daily.
D. RESOLUTION: Code changed to delete TMP files when exiting the
application during any time of the day.
E. ICP: None.
19. ECP-S/R LA2-S113-201
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Soldiers' unit assignment changes are not updated through
SIDPERS.
D. RESOLUTION: Code changed to allow system to update soldiers' UIC based
on ILIDB at the end of each EOD processing.
E. ICP: None.
20. ECP-S/R LA2-S140-032
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Application does not allow processing of multiple sizes
against a single SSN.
D. RESOLUTION: Changed updating function to allow multiple sizes.
E. ICP: None.
21. ECP-S/R LA2-S113-151
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM User cannot access the "Expected Delivery Date" block on the
"Post Supply Status" screen.
D. RESOLUTION: Ensured access to and modifiability of "Expected Delivery
Date" field.
E. ICP: None.
22. ECP-S/R LA2-S113-914
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Menu options for Paths 1.7.4 and 1.7.5 are not standardized.
D. RESOLUTION: Standardized menu options.
E. ICP: None.
23. ECP-S/R LA2-S113-175
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Print option for DA Form 3645 should default to "Y".
D. RESOLUTION: Changed default.
E. ICP: None.

24. ECP-S/R LA2-0100-954
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Cannot delete serviceable turn-ins to SSA/DRMO.
D. RESOLUTION: Changed code to allow condition codes other than "B" and "H".
E. ICP: None.
25. ECP-S/R LA2-S113-911
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Status code/advice code fields are populating incorrectly.
D. RESOLUTION: Changed code so that advice code would be read from correct table.
E. ICP: None.
26. ECP-S/R LA2-A150-612
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Hand Receipt Process - problem with canceling highlighted SSN, continued attempts to cancel and return correct SSN result in the erasure of the original SSN record.
D. RESOLUTION: Changed code so that viewing the SSN list and canceling operate correctly and that the cursor moves without an erasure taking place.
E. ICP: None.
27. ECP-S/R LA2-0100-920
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Once a requisition has been created, file cannot be accessed to transfer to diskette.
D. RESOLUTION: Modified screen and added menu item.
E. ICP: None.
28. ECP-S/R LA2-S113-906
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Screen does not clear after printing, allowing the user to process the same AAR multiple times.
D. RESOLUTION: Added clrform().
E. ICP: None.
29. ECP-S/R LA2-N231-009
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Error occurs at "line 864" when printing EOD.
D. RESOLUTION: Changed Print_Anu() to Print_It().
E. ICP: None.
30. ECP-S/R LA2-A15N-031
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Currently, the application does not allow for more than one size per soldier.
D. RESOLUTION: Changed code to allow more than one size per soldier.
E. ICP: None.
31. ECP-S/R LA2-S650-006
A. CYCLES: None.
B. PROGRAM CIF
C. PROBLEM Difference in column names between ILIDB's "individual" and CIF's "mil_pers" table.
D. RESOLUTION: Changed column name.

E. ICP: None.

3.3.3 Summary of Changes.

- a. Copy library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.
- b. Control library member changes.
 - 1. Changed: None.
 - 2. Deleted: None.
 - 3. Added: None.

3.4 Adaptation data. This paragraph has been tailored out.

3.5 Related documents.

3.5.1 Technical Documentation Changes. A new AIX version of Software Center Operator Manual (SCOM), AISM 25-LA2-A09-AIX-SCOM dated 10 December 1999 has been issued. This current version of AISM 25-LA2-A09-AIX-SCOM may be obtained from:

U. S. Army Information Systems Software Development Center-Washington
 Attn: AMSEL-SE-IS-ES, STOP H-6.
 Fort Belvoir, VA 22060-5576.

3.5.2 Functional Manual changes. A new AIX version of Software User Manual (SUM), AISM 25-LA2-A09-AIX-SUM dated 01 December 1999 have been issued. This current version of AISM 25-LA2-A09-AIX-SUM may be obtained from:

U. S. Army Information Systems Software Development Center-Washington
 Attn: Stop AMSEL-SE-IS-ES, STOP H-6.
 Fort Belvoir, VA 22060-5576.

3.6 Installation Instructions. These instructions explain how to install CIF SCP LA2-A09-04-00-A onto the host computer at the installations.

Pre-Install Procedure. Before beginning to install CIF SCP LA2-A09-04-00-A onto the ISM host computer, follow this procedure to make sure you have the information you will need when installing.

STEP 1. Verify Oracle. The Oracle RDBMS must reside on the host and be on-line.

Install Procedure. This procedure installs SCP LA2-A09-04-00-A for CIF R4.00 AIX version 4.2 operating system baseline onto the installation server. This portion of CIF R4.00 must be installed on each server at the installation.

STEP 1: Make sure there is a login account and directory for "CIF".

STEP 2: Login with the login name of "root".

STEP 3: Change directory /usr/tmp. Make a directory named "CIFICP.0400".

STEP 4: Change directory to /usr/tmp/CIFICP.0400. Copy the following files to /usr/tmp/CIFICP.0400

README.cif_0400	1807	23 Nov 1999
install_cif_0400	5979	23 Nov 1999
cif_0400.cpio_Z	29991165	23 Nov 1999

STEP 5: Execute the following commands:

```
chmod 777 install_cif_0400 <Enter>
./install_cif_0400 <Enter>
./install_prg <Enter>
```

STEP 6: The install_cif_0400 will:

a. Display the amount of available disk space on the system being installed to. The <Enter> key must be pressed to continue with the installation.

b. Back up the SITE_DIR to SITE_DIR_SAVE.

c. Furthermore, the installation script will:

(1) Un-compress the CIF_0400.cpio.Z file. Then it will uncpio the CIF_0400.cpio file into the home directory of user "CIF".

(2) Restore the backup files from CIF SITE_DIR to APP_BASE directory.

(3) Copy the letters directory to the SITE_DIR letters directory.

(4) Change the ownership of the files.

(5) Run alterCIF if there are any database changes required.

(6) Record all output(s) from each of the steps performed in a file named "CIF_0400.log" located in the /tmp/CIF/CP.0400 directory.

NOTE: The resulting log, CIF_0400.log, should then be copied to the directory /files/home/staff/sdcw upon termination of the installation process. This resulting log should then be reviewed.

Special Instructions:

NOTE: These instructions apply only to the Ft. Eustis and Ft. Story CIF databases.

Import the Ft. Eustis CIF database according to the ANSOC's current SOP instructions into the ORACLE instance ISMS. The Ft. Story property book must be imported into the same ORACLE instance used by Ft. Eustis (ISMS).

The export file is located on the Sparky server in the directory path /files/aisc/story_new.exp. When importing this export file, the Ignore Error option must be set to Y.

3.6.1 Installation Effective Date. This SCP should be immediately implemented upon receipt or NLT 30 days from date of receipt.

3.6.2 Security Implications. This paragraph has been tailored out.

3.6.3 ANSOC Installation Instructions. All users receive the same baseline with change package number through e-mail and Status Tracking and Reporting System (STARS) Bulletin Board System (BBS). This change package contains the following files:

Quantity	File ID	System	Change Package No.
1	cif_0400.cpio.Z	AIX OS 4.2	LA2-A09-04-00-A
README.cif_0400			
install_cif_0400			

Ensure that all master file backups have been completed prior to loading this package.

Use these load instructions to develop load procedures that work best for your installation.

Due to various user configurations, each installation must determine appropriate block-size and library allocations.

Users must not, repeat, must not, make changes to the files.

Security impact: None.

3.6.4 Special Installation Instructions - All Users. None.

3.6.5 Point of Contact. If there are any problems or questions with the installation, or any shortage to the contents of this package, call the Army Network and Systems Operator Center (ANSOC), Ft. Huachuca: DSN 879-6798/6858 or 1-800-305-3036.

3.6.6 Report of Implementation. Implementation of this change package must be reported by completing the change package implementation form. This report must be sent to Ft. Huachuca using Fax or mail.

3.7 Possible Problems and Known Errors. This paragraph has been tailored out.

4. Notes

4.1 Notes. This paragraph has been tailored out.
Change Package Control Number: LA2-A09-04-00-A

i

14